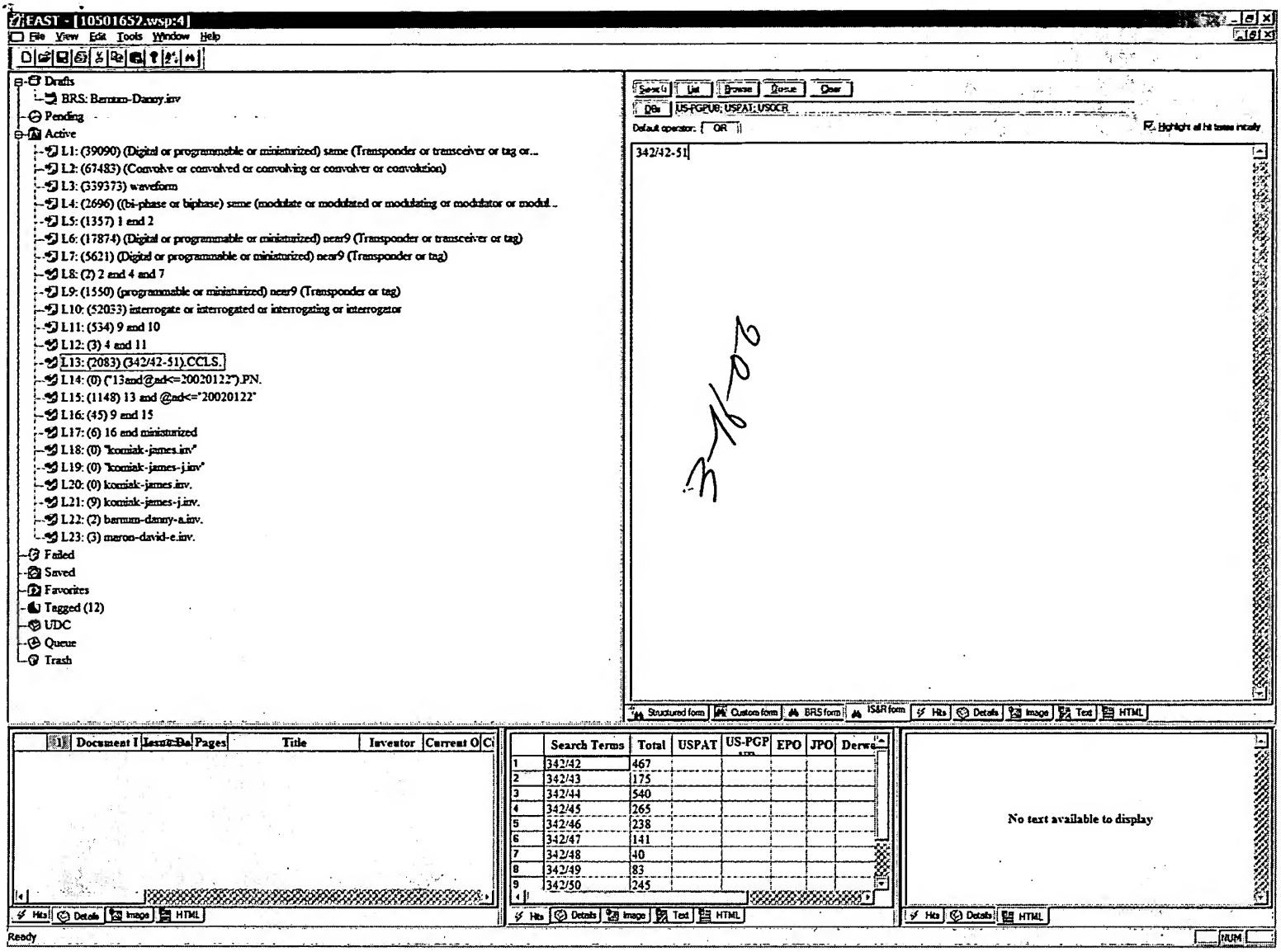
EAST - [10501652.wsp:4]
File View Edit Tools Window Help
Drafts
BRS: Barnum-Danny.inv
Pending
Active
L1: (39090) (Digital or programmable or miniaturized) same (Transponder or transceiver or tag or...
L2: (67483) (Convolve or convolved or convolving or convolver or convolution)
L3: (339373) waveform
L4: (2696) ((bi-phase or biphase) same (modulate or modulated or modulating or modulator or modul...
L5: (1357) 1 and 2
L6: (17874) (Digital or programmable or miniaturized) near9 (Transponder or transceiver or tag)
L7: (5621) (Digital or programmable or miniaturized) near9 (Transponder or tag)
L8: (2) 2 and 4 and 7
L9: (1550) (programmable or miniaturized) near9 (Transponder or tag)
L10: (52033) interrogate or interrogated or interrogating or interrogator
L11: (534) 9 and 10
L12: (3) 4 and 11
L13: (2083) (342/42-51).CCLS.
L14: (0) ("13and@ad<=20020122").PN.
L15: (1148) 13 and @ad<="20020122"
L16: (45) 9 and 15
L17: (6) 16 and miniaturized
L18: (0) "kozniak-james.inv"
L19: (0) "kozniak-james-j.inv"
L20: (0) kozniak-james.inv.
L21: (9) kozniak-james-j.inv.
L22: (2) barnum-danny-a.inv.
L23: (3) meron-david-e.inv.
Failed
Saved
Favorites
Tagged (12)
UDC
Queue
Trash
Search
List
Browse
Queue
Clear
DBs
US-PGPUB; USPAT; USOCR
Default operator:
OR
Highlight all hit terms initially
342/42-51
Structured form
Custom form
BRS form
IS&R form
Hits
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Search Terms
Total
USPAT
US-PGP
EPO
JPO
Derwe
1 342/42 467
2 342/43 175
3 342/44 540
4 342/45 265
5 342/46 238
6 342/47 141
7 342/48 40
8 342/49 83
9 342/50 245
No text available to display
Ready
NUM

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39090	(Digital or programmable or miniaturized) same (Transponder or transceiver or tag or responder or RFID or RF-ID)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:31
L2	67483	(Convolve or convolved or convolving or convolver or convolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:29
L3	339373	waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:29
L4	2696	((bi-phase or biphase) same (modulate or modulated or modulating or modulator or modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:30
L5	1357	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:30
L6	17874	(Digital or programmable or miniaturized) near9 (Transponder or transceiver or tag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:31
L7	5621	(Digital or programmable or miniaturized) near9 (Transponder or tag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:33
L8	2	2 and 4 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:32

EAST Search History

L9	1550	(programmable or miniaturized) near9 (Transponder or tag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:37
L10	52033	interrogate or interrogated or interrogating or interrogator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:38
L11	534	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:39
L12	3	4 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:40
L13	2083	(342/42-51).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 10:40
L14	0	("13and@ad<=20020122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 10:41
L15	1148	13 and @ad<="20020122"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:42
L16	45	9 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:43
L17	6	16 and miniaturized	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:45

EAST Search History

L18	0	"komiak-james.inv"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:46
L19	0	"komiak-james-j.inv"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:46
L20	0	komiak-james.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:46
L21	9	komiak-james-j.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:48
L22	2	barnum-danny-a.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:49
L23	3	maron-david-e.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 10:49

SEARCH NOTES FOR EAST, IEEE, INSPEC, IP.COM, AND PROQUEST

SERIAL NUMBER 10501652

EAST SEARCH

EAST: search history attached

IEEE SEARCH

Search terms:

(programmable <or> miniaturized) <near/9> (Transponder or tag)

1. **Programmable reflectors for SAW-ID-tags**
   Reindl, L.; Ruile, W.
   Ultrasonics Symposium, 1993. Proceedings., IEEE 1993
   31 Oct-3 Nov 1993 Page(s):125 - 130 vol.1
2. **Design of a programmable temperature monitoring device for tagging small fish**
   Fischer, G.; Daly, J.C.; Recksiek, C.W.; Friedland, K.D.; Chun Yang
   Low Power Electronics and Design, 1996., International Symposium on
   12-14 Aug 1996 Page(s):319 - 322
3. **"A digital signal processing algorithm for detecting interrupted continuous wave undersea tracking signals",** Kennedy, S.P. et al, Electronic Engineering in Oceanography. 'Technology Transfer from Research to Industry'., 7th Int'l Conf. on 23-25 Jun 1997 Ps:193-197
4. **A programmable temperature monitoring device for tagging small fish: a prototype chip development**
   Fisher, G.; Daly, J.C.; Recksiek, C.W.; Friedland, K.D.
   Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
   Volume 5, Issue 4, Dec 1997 Page(s):401 - 407
5. **Cost-effective calibration transponders for future synthetic aperture radars**
   Dumper, K.; Buck, C.H.; Dawkins, A.W.J.
   Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE 1999 International
   Volume 1, 1999 Page(s):416 - 418 vol.1
6. **Data cache energy minimizations through programmable tag size matching to the applications**
   Petrov, P.; Orailoglu, A.
   System Synthesis, 2001. Proceedings. The 14th International Symposium on
   2001 Page(s): 113 - 117

INSPEC SEARCH

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	(programmable OR miniaturized)	unrestricted	12	

09/16/03

NEAR (Transponder OR tag)

Inspec - 1969 to date (INZZ)

Design and development of a miniaturized embedded UHF RFID tag for automotive tire applications.

Source

2005 Proceedings. 55th Electronic Components and Technology (IEEE Cat. No. 05CH37635), 2005, Vol. 1,
p. 867-70 Vol. 1, 7 refs, pp. 2 vol. (xxvi+1070), ISBN: 0-7803-8906-9.
Publisher: IEEE, Piscataway, NJ, USA.

Author(s)

Basat-S, Lim-K, Kim-I, Tentzeris-M-M, Laskar-J.

Data cache energy minimizations through programmable tag size matching to the applications.

Source

International Symposium on System Synthesis (IEEE Cat. No.01EX526), 2001, p. 113-17, 14 refs, pp.
x+282, ISBN: 1-58113-418-5.
Publisher: ACM, New York, NY, USA.

Author(s)

Petrov-P, Orailoglu-A.

A programmable acoustic recording tag and first results from free- ranging northern elephant seals.

Source

Deep-Sea Research Part II (Topical Studies in Oceanography), {Deep-Sea-Res-II-Top-Stud-Oceanogr-UK}, 1998, vol. 45, no. 7, p. 1327-51, 55 refs, CODEN:
DSROEK, ISSN: 0967-0645.
Publisher: Elsevier, UK.

Author(s)

Burgess-W-C, Tyack-P-L, Le-Boeuf-B-J, Costa-D-P.

Design and implementation of an FPGA transponder.

Source

Microprocessors and Microsystems, {Microprocess-Microsyst-UK}, June 1995, vol. 19, no. 5, p. 255-9, 4
refs, CODEN: MIMID5, ISSN: 0141-9331, UK.

Author(s)

Tan-B-H, Tan-E, Lau-K-T, Mar-S-C.

1

Diver navigation with a programmable dive computer and an intelligent transponder array.

Source

Acoustics Letters, {Acoust–Lett–UK}, Sept. 1992, vol. 16, no. 3, p. 62–8, 17 refs, CODEN: ACLEDI, ISSN:
0140–1599, UK.
Author(s)
Woodward–B, Joyce–D–A, Niazi–L.

The radio frequency control link: a mobile, real time data collection technology.
Source
Industrial Engineering, {Ind–Eng–USA}, Nov. 1985, vol. 17, no. 11, p. 62–8, 5 refs, CODEN: IDLEB9,
ISSN: 0019–8234, USA.
Author(s)
Scaringe–R–A.

Emergency communications between programmable units.
Source
IBM Technical Disclosure Bulletin, {IBM–Tech–Discl–Bull–USA}, March 1980, vol. 22, no. 10, p. 4430–1,
0 refs, CODEN: IBMTAA, ISSN: 0018–8689, USA.
Author(s)
Curlander–P–J, Edstrom–G–H, Lutter–E–P, Paulsen–P–H, Rehage–T–A.

A miniaturized transponder rocketsonde.
Source
3rd international geoscience electronics symposium digest of technical papers, 1971, p. 1 pp., pp. iii+73.
Publisher: IEEE, New York, NY, USA.
Author(s)
Georgian–E–J.

Inspec – 1969 to date (INZZ)
2

IP.COM SEARCH

Search query: (programmable OR miniaturized) w/9 (Transponder OR tag)
Published Before: 1-22-2002 (Original publication date)

Result # 1 Relevance: ○○○○○

Emergency Communications Between Programmable Units

1980-03-01 IPCOM000054587D English (United States)

A controlling programmable unit (CPU) controls a plurality of control units (CUs) via a single connection. The single connection may consist of electrical control lines divided into data busses and tag lines. Each CU responds to tag signal combinations plus an address ...

Result # 2 Relevance: ○○○○○

Programmable Price Tags

2000-08-01 IPCOM000013244D English (United States)

This disclosure describes a price tag for consumer products that can be easily modified when product prices change without having to re-label the products. It is labor-intensive to place price labels on products and every time prices change the process must be repeated. This ...

Result # 3 Relevance:

Architecture for Platform and Presentation Independent User Interface for Applications

1995-01-01 IPCOM000114671D English (United States)

The ability of a software application to easily port to multiple platforms (e.g., MVS, OS/2*, AIX*, or UNIX** systems, etc.) is very valuable. However, the task of porting applications to multiple platforms is often made difficult due to the differences in the presentation ...

Result # 4 Relevance:

THE ABILITY OF RETAILERS TO ENHANCE A MANUFACTURERS COUPON THROUGH THE USE OF BISTATIXÔ TECHNOLOGY

2001-08-03 IPCOM000005057D English (United States)

THE ABILITY OF RETAILERS TO ENHANCE A MANUFACTURERS COUPON THROUGH THE USE OF BISTATIXÔ TECHNOLOGY

Result # 5 Relevance:

Programmable telemetry word selector (USH0000241)

1987-03-03 IPCOM000000240D English (United States)

A programmable telemetry word selector includes a scanning memory storing, or each of a number of analog outputs of the selector, a variable identifying tag and a data conversion code for the variable. The selector is constructed to compare the stored tags with successive ...

PROQUEST SEARCH

(programmable OR miniaturized) w/9 (Transponder OR tag)

High-tech tags track salmon's sea journey Electronic devices are implanted in more than 1 million young fish each year at hatcheries. :[All Editions]
Jonathan Brinckman / Newhouse News Service. **The Grand Rapids Press** Grand Rapids, Mich.:Apr 22, 2001. p. A5

Paper transponder cuts RFID costs
Anonymous. **Design News** Boston:Jan 8, 2001. Vol. 56, Iss. 1, p. 52 (1 pp.)

FAA Tests Demonstrate Feasibility, Reliability of RFID for Airport Baggage Sorting and Security
Business Editors/High-Tech Writers. **Business Wire** New York:Sep 19, 2000. p. 1

RFID will revolutionize trucking
Lawson Marshall. **Fleet Equipment** Palatine:Jun 2000. Vol. 26, Iss. 6, p. 8 (1 pp.)

SpaceDev, Wireless Future Develop STDN S-Band Transponder For Space Missions
Space Business News Potomac:Mar 29, 2000. Vol. 18, Iss. 7, p. 1

Radio frequency identification (RF/ID)
Anonymous. **Automatic I.D. News** Cleveland:Mar 1996. Vol. 12, Iss. 4, p. 24 (2 pp.)